

DAFTAR PUSTAKA

- Adiningsih, E. S., S. H. Soenarmo., S Mujiasih. (2001). Kajian Perubahan Distribusi Spasial Suhu Udara Akibat Perubahan Penutup Lahan. *Warta Lapan* vol 3 no. 1 Maret (2001).
- Afiah, Sabrina Nur. (2020) *Analisis Pengaruh Perubahan Tutupan Lahan Menggunakan Metode Index-Based Built-Up Index (IBI) terhadap Suhu Permukaan Tanah di Kota Surabaya.* Thesis, Institut Teknologi Sepuluh Nopember.
- Ali, M. I., Dirawan, G. D., Hasim, A. H., & Abidin, M. R. (2019). Detection of changes in surface water bodies urban area with NDWI and MNDWI methods. *International Journal on Advanced Science, Engineering and Information Technology*, 9(3), 946–951. <https://doi.org/10.18517/ijaseit.9.3.8692>.
- Ally, F. N., Wibowo, A., & Sophian, R. I. (2024). Analisis spatio temporal pengaruh aktivitas industri terhadap fenomena urban heat island (UHI) dan land surface temperature (LST) di Kota Jakarta Timur. *Enviro: Journal of Tropical Environmental Research*, 26(1), 23-32.
- Arsandi, Rido (2020). Pengaruh Tutupan Lahan terhadap Fluktuasi Debit Air Sungai SUB DAS Hulu Kali Konto (2014 - 2017). Undergraduate (S1) thesis, Universitas Muhammadiyah Malang.
- Artis, D. A., & Carnahan, W. H. (1982). Survey of emissivity variability in thermography of urban areas. *Remote Sensing of Environment*, 12(4), 313–329. [https://doi.org/10.1016/0034-4257\(82\)90043-8](https://doi.org/10.1016/0034-4257(82)90043-8)
- Badan Pusat Statistik Provinsi DKI Jakarta. (2025). *Provinsi DKI Jakarta Dalam Angka 2025*. Diakses pada 12 November 2024, dari

<https://jakarta.bps.go.id/id/publication/2023/02/28/fd35fcb5d10a1e03f0d71348/dki-jakarta-province-in-figures-2023.html>

Badan Standardisasi Nasional. (2014). *SNI 7645-1:2014: Klasifikasi penutup lahan - Bagian 1: Skala kecil dan menengah*. Jakarta: Badan Standardisasi Nasional.

Desai, A. R., Khan, A. M., Zheng, T., Paleri, S., Butterworth, B., Lee, T. R., et al. (2021). Multi-sensor approach for high space and time resolution land surface temperature. *Earth and Space Science*, 8, e2021EA001842. <https://doi.org/10.1029/2021EA001842>

Earth Observatory NASA. Land Surface Temperature. Diakses tanggal 10 Januari 2025. https://earthobservatory.nasa.gov/global-maps/MOD_LSTD_M

Eva Noviana Budiarti. (2008). Evaluasi Perkembangan Permukiman dengan Pendekatan Penginderaan Jauh (Inderaja) (Studi Kasus: Kota Depok. UIN Syarif Hidayatullah Jakarta, h. 71

Goshem, G. K., Sahile, W. T., Shifaw, S. A., & Abidin, M. R. (2023). Analyzing and predicting land use and land cover changes with an integrated CA-Markov Model: A Spatiotemporal perspective in case of Chuko Town and Surroundings, Sidama Region, Ethiopia. *International Journal of Environment, Engineering and Education*, 2, 63–71.

Hardianto, R., Hasyim, A. W., & Hidayat, A. R. T. (2019). Pengaruh perubahan tutupan lahan terhadap suhu permukaan di Kabupaten Sidoarjo. *Planning for Urban and Regional Environment*, 8(3), 349-358.

Hardyanti, L., Sobirin, S., & Wibowo, A. (2017, July). Variasi Spasial Temporal Suhu Permukaan Daratan di Kota Jakarta tahun 2015 dan 2016. In *Prosiding Industrial Research Workshop and National Seminar* (Vol. 8, No. 3, pp. 704-713).

- Hasnat, G. N. T. (2021). A Time Series Analysis of Forest Cover and Land Surface Temperature Change over Dudpukuria-Dhopachari Wildlife Sanctuary Using Landsat Imagery.” *Frontiers in Forests and Global Change*, vol. 4, no. <https://doi.org/10.3389/ffgc.2021.687988>
- Landsat 8 (L8) Data Users Handbook (2016) Department of the Interior U.S. Geological Survey. <https://landsat.usgs.gov/sites/default/files/documents/Landsat8DataUsersHandbook.pdf>
- Lillesand, & Kiever. (1990). *Penginderaan Jauh dan Interpretasi Citra*. Alih Bahasa R. Dubahri. Universitas Gadjah Mada. Yogyakarta.
- Lillesand, T. M. and Kiefer R. W. (1994). *Remote Sensing and Image Interpretation*. Third Edition. New York : John Wiley and Son, Inc.
- Liu, Han; Gong, Peng; Wang, Jie; Clinton, Nicholas; Bai, Yuqi; Liang, Shunlin (2020): Annual dynamics of global land cover and its long-term changes from 1982 to 2015, link to GeoTIFF files [dataset]. PANGAEA, <https://doi.org/10.1594/PANGAEA.913496>
- Lulla, K.P., Duane Nellis, M., & Rundquist, B.C. (2013). The Landsat 8 is ready for geospatial science and technology researchers and practitioners. *Geocarto International*, 28, 191 - 191.
- Mallick, J., Kant, Y., & Bharath, B. D. (2008). Estimation of land surface temperature over Delhi using Landsat-7 ETM +. *J. Ind. Geophys. Union*, 12(3), 131–140.
- MAROS, I. L. T. D. K. (2014). Perbandingan Metode Klasifikasi Supervised Maximum Likelihood Dengan Klasifikasi Berbasis Objek Untuk. In *Seminar Nasional Penginderaan Jauh* (p. 505).

- Meliadis, Ioannis & Meliadis, Miltiadis. (2011). Multi-temporal Landsat image classification and change analysis of land cover/use in the Prefecture of Thessaloiniki, Greece. *Proceedings of the International Academy of Ecology and Environmental Sciences*. 1.
- Montanaro, M., Gerace, A., Lunsford, A., & Reuter, D. (2014). Stray light artifacts in imagery from the Landsat 8 Thermal Infrared Sensor. *Remote Sensing*, 6(11), 10435–10456. <https://doi.org/10.3390/rs61110435>
- Nadira, C., Saraswati, R., & Wibowo, A. (2019). Pengaruh Perubahan Tutupan Lahan Terhadap Fenomena Urban Heat Island di Kecamatan Cikarang Utara, Kabupaten Bekasi Tahun 2007-2018 Menggunakan Citra Landsat 5 dan 8. Depok: Departemen Geografi, FMIPA UI
- Naserikia M, Hart MA, Nazarian N, Bechtel B. (2022). Background climate modulates the impact of land cover on urban surface temperature. *Sci Rep*. 12(1):15433. doi: 10.1038/s41598-022-19431-x. PMID: 36104404; PMCID: PMC9474840.
- Olofsson, P., Foody, G. M., Herold, M., Stehman, S. V., Woodcock, C. E., & Wulder, M. A. (2014). Good practices for estimating area and assessing accuracy of land change. *Remote Sensing of Environment*, 148, 42-57. <https://doi.org/10.1016/j.rse.2014.02.015>
- Pal, S. and Ziaul, S. (2017) Detection of Land Use and Land Cover Change and Land Surface Temperature in English Bazar Urban Center. *The Egyptian Journal of Remote Sensing and Space Sciences*, 20, 125-145. <https://doi.org/10.1016/j.ejrs.2016.11.003>
- Paul, S. S. (2013). Analysis Of Land Use And Land Cover Change I Kiskatinaw River Watershed: A Remote Sensing, GIS & Modeling Approach.
- Primasari, Y., Harto, A. B., & Hakim, D. M. (2013). Aplikasi Penginderaan Jauh Untuk Pemetaan Kepadatan Lahan Terbangun Sebagai Arahan Fungsi Lahan (Studi

Kasus : Kota Metro, Provinsi Lampung). Repository ITERA.
<http://repo.itera.ac.id/depan/submission/SB1908120001>

- Putra, A. K., Sukmono, A., & Sasmito, B. (2018). Analisis Hubungan Perubahan Tutupan Lahan Terhadap Suhu Permukaan Terkait Fenomena Urban Heat Island Menggunakan Citra Landsat (Studi Kasus: Kota Surakarta). *Jurnal Geodesi Undip*, 7(3), 22-31. <https://doi.org/10.14710/jgundip.2018.21212>
- Ramankutty, N., Graumlich, L., Achard, F., Alves, D., Chhabra, A., DeFries, R., Foley, J., Gesit, H., Houghton, R., Goldewijk, K., Lambin, E., Millington, A., Rasmussen, K., Reid, R., & Turner, B. (2006). Global land-Cover Change: Recent Progress, Remaining Challenges. In *Land-Use and Land-Cover Change: Local Processes and Global Impacts* (1st ed., pp. 9-39). Springer.
- Rizma, Hudaya. (2010). Aplikasi Sistem Informasi Geografis (SIG) Untuk Analisis Pola Sebaran dan Perkembangan permukiman (Studi Kasus Kabupaten Bogor, Jawa Barat). Institut Pertanian Bogor: Bogor. h. 3-4
- Rushayati, S. B., & Hermawan, R. (2013). Karakteristik kondisi urban heat island DKI Jakarta. *Media Konservasi*, 18(2), 96–101.
- Ruswandi A. (2005). Dampak Konversi Lahan Pertanian Terhadap Perubahan Kesejahteraan Petani dan Perkembangan Wilayah. Tesis. Institut Pertanian Bogor, Bogor.
- Sadyohutomo, Mulyono. (2008). Manajemen Kota da Wilayah. Jakarta: Bumi Aksara.
- Sarkar, A. (2018). Accuracy Assessment and Analysis of Land Use Land Cover Change Using Geoinformatics Technique in Raniganj Coalfield Area , India. *Int J Environ Sci Nat Res*, 11(1). <https://doi.org/10.19080/IJESNR.2018.10.555805>

- Sasky, P., Sobirin, & Wibowo, A. (2017). Pengaruh Perubahan Penggunaan Tanah Terhadap Suhu Permukaan Daratan Metropolitan Bandung Raya Tahun 2000 – 2016. *Industrial Research Workshop and National Seminar*, 8, 354–361.
- Sobrino, J. A., Jiménez-Muñoz, J. C., & Paolini, L. (2004). Land surface temperature retrieval from LANDSAT TM 5. *Remote Sensing of Environment*, 90(4), 434–440. <https://doi.org/10.1016/j.rse.2004.02.003>
- Sumaryana, H., Buchori, I., & Sejati, A. W. (2022). Dampak perubahan tutupan lahan terhadap suhu permukaan di Perkotaan Temanggung. *Majalah Geografi Indonesia*, 36(1), 68–76. <https://doi.org/10.22146/mgi.70978>.
- Tan, K. C., Lim, H. S., MatJafri, M. Z., & Abdullah, K. (2010). Landsat data to evaluate urban expansion and determine land use/land cover changes in Penang Island, Malaysia. *Environmental Earth Sciences*, 60(7), 1509–1521. <https://doi.org/10.1007/s12665-009-0286-z>
- Townshend, J. R., & Justice, C. O. (1986). Analysis of the dynamics of African vegetation using the normalized difference vegetation index. *Int. J. Remote Sens*, 7(11), 1435–1445.
- Umar, R., Abidin, M. R., & Darwis, M. R. (2021). Identifikasi kawasan perairan dengan metode automated water extraction index (AWEI). *Seminar Nasional Hasil Penelitian 2021 Penguatan Riset, Inovasi, dan Kreativitas Peneliti di Era Pandemi Covid-19*, 326–334.
- USGS. (2019). *Landsat 8 (L8) Data Users Handbook* (Version 5.0). Department of the Interior, U.S. Geological Survey.
- Voogt, J. A., & Oke, T. R. (2003). Thermal remote sensing of urban climates. *Remote Sensing of Environment*, 86(3), 370–384. [https://doi.org/10.1016/S0034-4257\(03\)00079-8](https://doi.org/10.1016/S0034-4257(03)00079-8)

Weng, Q., Lu, D., & Schubring, J. (2004). Estimation of land surface temperature–vegetation abundance relationship for urban heat island studies. *Remote Sensing of Environment*, 89(4), 467–483. <https://doi.org/10.1016/j.rse.2003.11.005>

Yusuf, M. (2014). *Metode Penelitian: Kuantitatif, Kualitatif & Penelitian Gabungan*. Prenamedia group.

Zaitunah, A., Ahmad, A. G., & Safitri, R. A. (2018, March). *Normalized Difference Vegetation Index* (ndvi) analysis for land cover types using landsat 8 oli in besitang watershed, Indonesia. In IOP Conference Series: Earth and Environmental Science (Vol. 126, No. 1, p. 012112). IOP Publishing.

Zha, Y., J. Gao, dan S. Ni. (2003). Use of normalized difference built-up index in automatically mapping urban areas from TM imagery. *International Journal of Remote Sensing*, 24, pp. 583–594

